IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Patrick Hearing *et al.*

Serial No.: not yet assigned Group No.: not yet assigned

Filed: 2/12/2001 Examiner: not yet assigned

Entitled: **HYBRID ADENOVIRUS/ADENO-ASSOCIATED VIRUS VECTORS AND METHODS OF USE THEREOF**

CERTIFICATE RE: SEQUENCE LISTING

Assistant Commissioner for Patents
Washington, D.C. 20231

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.10

I hereby certify that this correspondence (along with any referred to as being attached or enclosed) is, on the date shown below, being deposited with the U.S. Postal Service in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number **EL 476 361 610 US**, addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231.
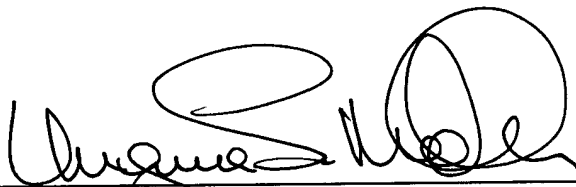
Dated: February 12, 2001 By: _____
Anne M. Neisvander

Sir or Madam:

I hereby state that the enclosed Sequence Listing is being submitted in paper copy and on a computer-readable diskette, and that the content of the paper and computer readable copies are the same.

Dated: ___February 12, 2001___ By: _____
Virginia S. Medlen
Registration No. 32,050

Please direct all communication to:

Peter G. Carroll
Registration No. 32,837
MEDLEN & CARROLL, LLP
220 Montgomery Street, Suite 2200
San Francisco, California 94104
415.705.8410

CRF Problem Report

0460

03/13/01

The Scientific and Technical Information Center (STIC) experienced a problem when processing the following computer readable form (CRF):

Application Serial Number: _09/782,378_

Filing Date: _2-12-01_

Date Processed by STIC: _3-8-01_

STIC Contact: Mark Spencer, 703-308-4212

Nature of Problem:

The CRF (was)

✓ (circle one) Damaged or (Unreadable) (for Unreadable, see attached)

____ Blank (no files on CRF) (see attached)

____ Empty file (filename present, but no bytes in file) (see attached)

____ Virus-infected. Virus name: _____ The STIC will not process the CRF.

____ Not saved in ASCII text

____ Sequence Listing was embedded in the file. According to Sequence Rules, submitted file should only be the Sequence Listing.

____ Did not contain a Sequence Listing. (see attached sample)

____ Other: _____

PLEASE USE THE CHECKER VERSION 3.0 PROGRAM TO REDUCE ERRORS. SEE BELOW FOR DETAILS:

Checker Version 3.0

The Checker Version 3.0 application is a state-of the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:
http://www.uspto.gov/web/offices/pac/checker

```
A:\>DIR

 Volume in drive A has no label
 Directory of A:\

04558S~1 TXT          459,119  02-12-01  3:35p 04558.ST25.txt
         1 file(s)          459,119 bytes
         0 dir(s)           998,400 bytes free

A:\>TYPE 04558.ST25.TXT|MORE

Read fault error reading drive A
Abort, Retry, Fail?R

Read fault error reading drive A
Abort, Retry, Fail?
```